

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053730.D
 Acq On : 27 May 2022 12:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 01:41:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	16981	20.000	ng	-0.03
21) Naphthalene-d8	10.760	136	73234	20.000	ng	-0.04
39) Acenaphthene-d10	14.596	164	62043	20.000	ng	-0.03
64) Phenanthrene-d10	17.345	188	155398	20.000	ng	#-0.03
76) Chrysene-d12	21.604	240	145500	20.000	ng	-0.03
86) Perylene-d12	24.782	264	147623	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	77881	77.837	ng	-0.04
7) Phenol-d6	7.130	99	127661	84.069	ng	-0.03
23) Nitrobenzene-d5	9.115	82	140156	81.468	ng	-0.04
42) 2,4,6-Tribromophenol	16.094	330	77177	84.341	ng	-0.02
45) 2-Fluorobiphenyl	13.215	172	333874	78.636	ng	-0.03
79) Terphenyl-d14	19.953	244	659626	84.435	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	17954	34.199	ng	96
3) Pyridine	3.764	79	48397	37.748	ng	95
4) n-Nitrosodimethylamine	3.670	42	23319	37.338	ng	# 97
6) Aniline	7.271	93	71750	42.661	ng	99
8) 2-Chlorophenol	7.517	128	43405	41.496	ng	97
9) Benzaldehyde	7.083	77	35254m	36.544	ng	
10) Phenol	7.159	94	62463	42.058	ng	93
11) bis(2-Chloroethyl)ether	7.364	93	44106	39.820	ng	98
12) 1,3-Dichlorobenzene	7.840	146	49502	40.116	ng	92
13) 1,4-Dichlorobenzene	7.987	146	49662	39.882	ng	99
14) 1,2-Dichlorobenzene	8.304	146	49364	42.216	ng	97
15) Benzyl Alcohol	8.199	79	54208	42.699	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.481	45	68235	37.851	ng	96
17) 2-Methylphenol	8.410	107	41680	41.522	ng	90
18) Hexachloroethane	9.033	117	17710	37.452	ng	95
19) n-Nitroso-di-n-propyla...	8.757	70	46096	42.308	ng	96
20) 3+4-Methylphenols	8.739	107	59584	42.029	ng	97
22) Acetophenone	8.780	105	80692	40.259	ng	96
24) Nitrobenzene	9.162	77	66120	39.709	ng	92
25) Isophorone	9.685	82	116060	40.085	ng	99
26) 2-Nitrophenol	9.879	139	28232	41.862	ng	94
27) 2,4-Dimethylphenol	9.943	122	39682	39.098	ng	95
28) bis(2-Chloroethoxy)met...	10.161	93	64581	38.783	ng	99
29) 2,4-Dichlorophenol	10.425	162	52352	42.739	ng	91
30) 1,2,4-Trichlorobenzene	10.631	180	57619	41.401	ng	97
31) Naphthalene	10.813	128	151825	40.756	ng	99
32) Benzoic acid	10.131	122	17544m	31.251	ng	
33) 4-Chloroaniline	10.924	127	63375	40.622	ng	97
34) Hexachlorobutadiene	11.095	225	43535	42.185	ng	94
35) Caprolactam	11.700	113	18312	41.138	ng	# 87
36) 4-Chloro-3-methylphenol	12.070	107	62236	42.475	ng	94
37) 2-Methylnaphthalene	12.422	142	114488	41.182	ng	95
38) 1-Methylnaphthalene	12.640	142	112024	41.301	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	77628	39.694	ng	98
41) Hexachlorocyclopentadiene	12.769	237	27221	39.234	ng	97
43) 2,4,6-Trichlorophenol	13.039	196	50688	39.706	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053730.D
 Acq On : 27 May 2022 12:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 28 01:41:35 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 25 15:11:41 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	50763	37.363	ng	97
46) 1,1'-Biphenyl	13.427	154	163166	38.582	ng	97
47) 2-Chloronaphthalene	13.474	162	129743	39.157	ng	98
48) 2-Nitroaniline	13.679	65	50724	41.084	ng	98
49) Acenaphthylene	14.320	152	208355	39.407	ng	99
50) Dimethylphthalate	14.050	163	184143	39.057	ng	99
51) 2,6-Dinitrotoluene	14.173	165	38555	40.139	ng	99
52) Acenaphthene	14.661	154	121594	38.590	ng	98
53) 3-Nitroaniline	14.508	138	40894	39.403	ng	98
54) 2,4-Dinitrophenol	14.731	184	21722	39.090	ng	90
55) Dibenzofuran	14.995	168	221147	39.074	ng	98
56) 4-Nitrophenol	14.849	139	25408	34.276	ng	93
57) 2,4-Dinitrotoluene	14.966	165	56594	40.648	ng	90
58) Fluorene	15.647	166	181616	39.987	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.236	232	51736	37.531	ng	99
60) Diethylphthalate	15.407	149	190804	39.178	ng	99
61) 4-Chlorophenyl-phenyle...	15.630	204	102641	40.499	ng	99
62) 4-Nitroaniline	15.671	138	42918m	39.870	ng	
63) Azobenzene	15.924	77	190903	38.280	ng	99
65) 4,6-Dinitro-2-methylph...	15.741	198	40099	43.305	ng	93
66) n-Nitrosodiphenylamine	15.847	169	162172	39.748	ng	99
67) 4-Bromophenyl-phenylether	16.529	248	74317	40.949	ng	99
68) Hexachlorobenzene	16.658	284	80271	40.385	ng	97
69) Atrazine	16.799	200	66695	38.830	ng	97
70) Pentachlorophenol	17.010	266	38089	38.166	ng	97
71) Phenanthrene	17.386	178	311013	39.360	ng	97
72) Anthracene	17.480	178	311020	40.045	ng	98
73) Carbazole	17.750	167	299169	39.303	ng	99
74) Di-n-butylphthalate	18.297	149	332901	38.887	ng	99
75) Fluoranthene	19.401	202	395792	38.685	ng	99
77) Benzidine	19.577	184	110743	35.313	ng	97
78) Pyrene	19.759	202	394283	41.861	ng	99
80) Butylbenzylphthalate	20.635	149	140438	40.661	ng	97
81) Benzo(a)anthracene	21.586	228	364918	39.322	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	96305	40.922	ng	97
83) Chrysene	21.651	228	344805	39.782	ng	98
84) Bis(2-ethylhexyl)phtha...	21.481	149	189475	39.746	ng	99
85) Di-n-octyl phthalate	22.667	149	316316	39.239	ng	99
87) Indeno(1,2,3-cd)pyrene	28.430	276	409609	39.839	ng	# 96
88) Benzo(b)fluoranthene	23.778	252	344167	39.387	ng	99
89) Benzo(k)fluoranthene	23.842	252	348376	40.572	ng	97
90) Benzo(a)pyrene	24.635	252	294386	39.582	ng	98
91) Dibenzo(a,h)anthracene	28.477	278	338370	39.940	ng	99
92) Benzo(g,h,i)perylene	29.564	276	332716	39.619	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

